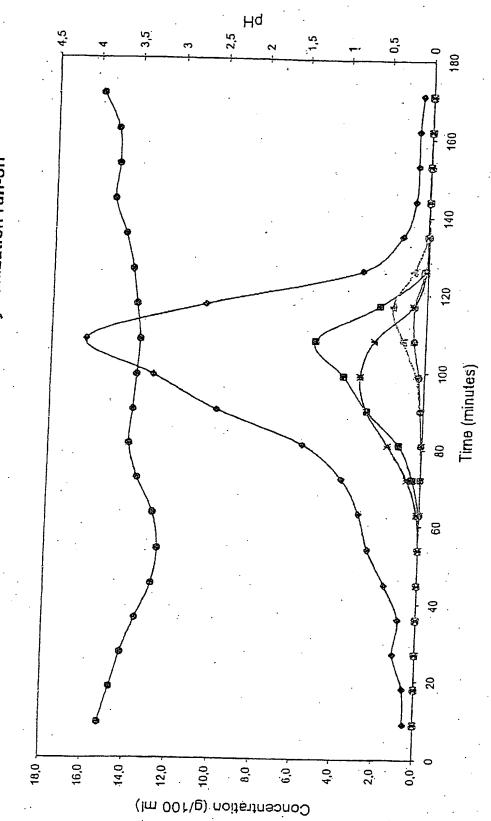
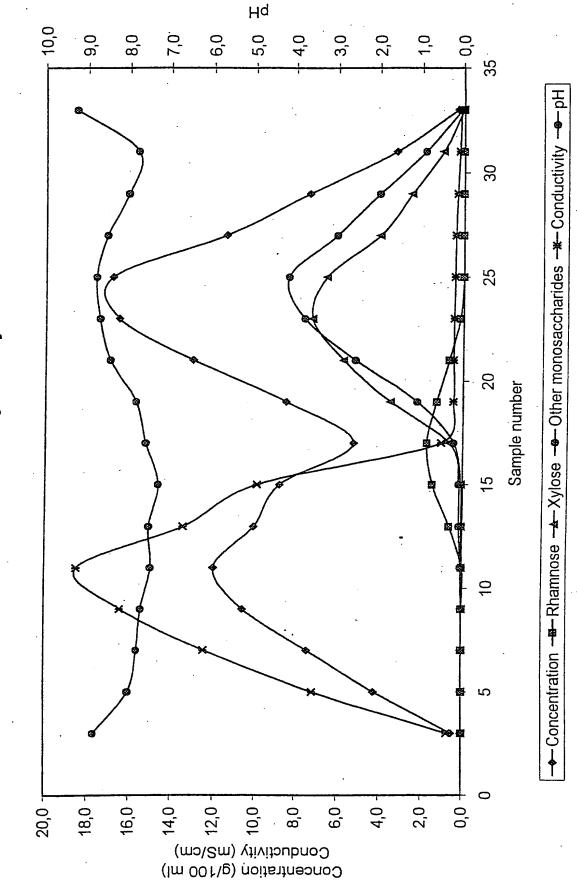
Chromatographic separation of xylose crystallization run-off



-+- Concentration -=- Xylose ---- Rhamnose --- Arabinose --\*- Other monosaccharides --- pH

Chromatographic separation of xylose crystallization run-off



Chromatographic separation of xylose-arabinose fraction

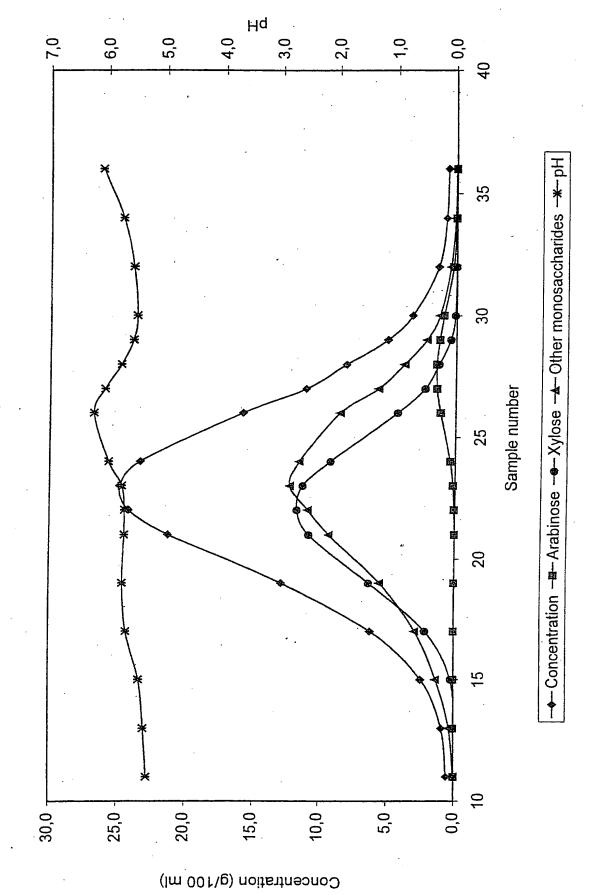
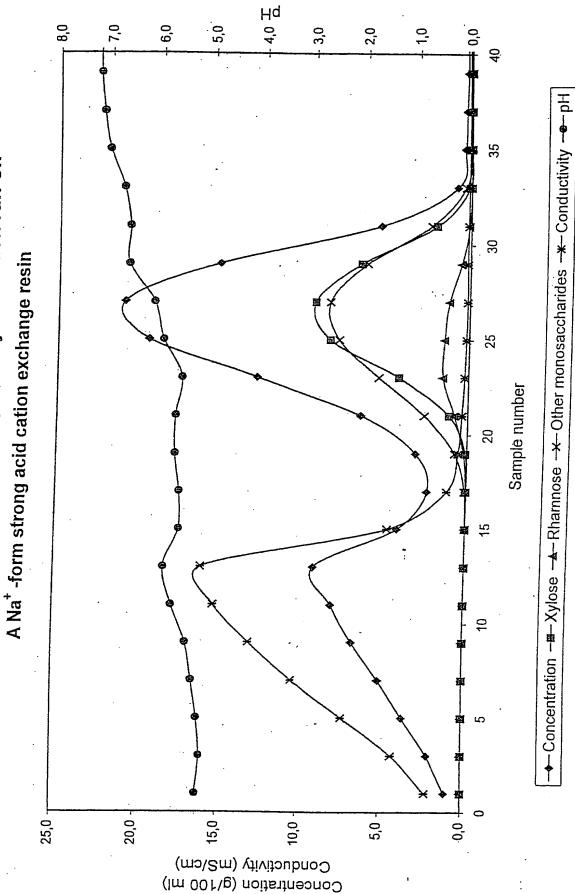


FIG. 3

Chromatographic separation of xylose crystallization run-off



Chromatographic separation of rhamnose containing xylose fraction

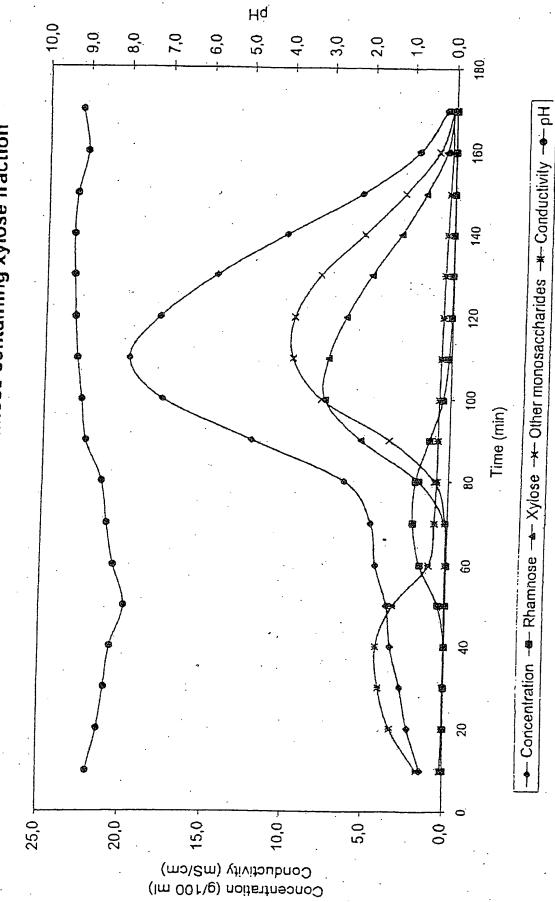


FIG. 5

Chromatographic separation of rhamnose rich fraction

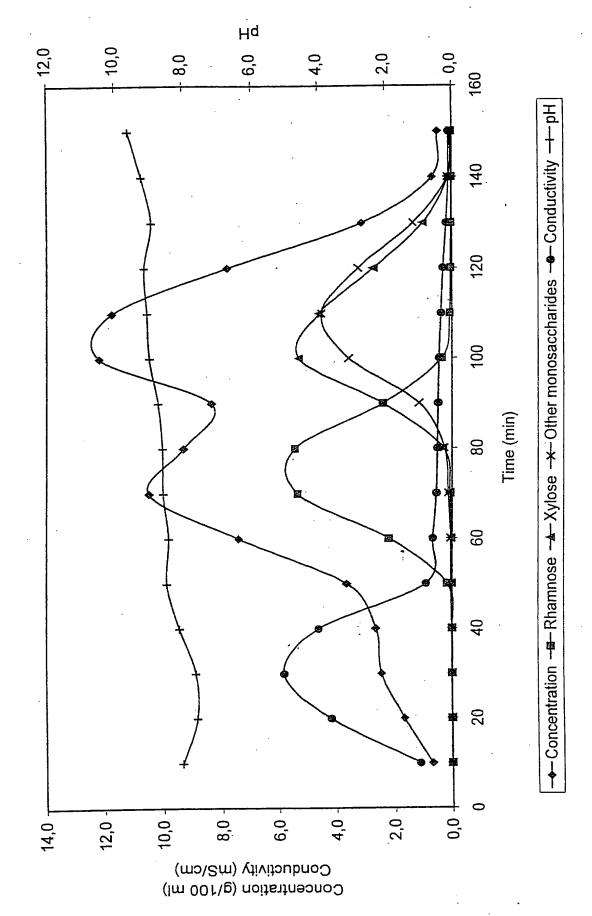


FIG. 6

Chromatographic separation of rhamnose rich fraction A Ca<sup>2+</sup>-form strong acid cation exchange resin

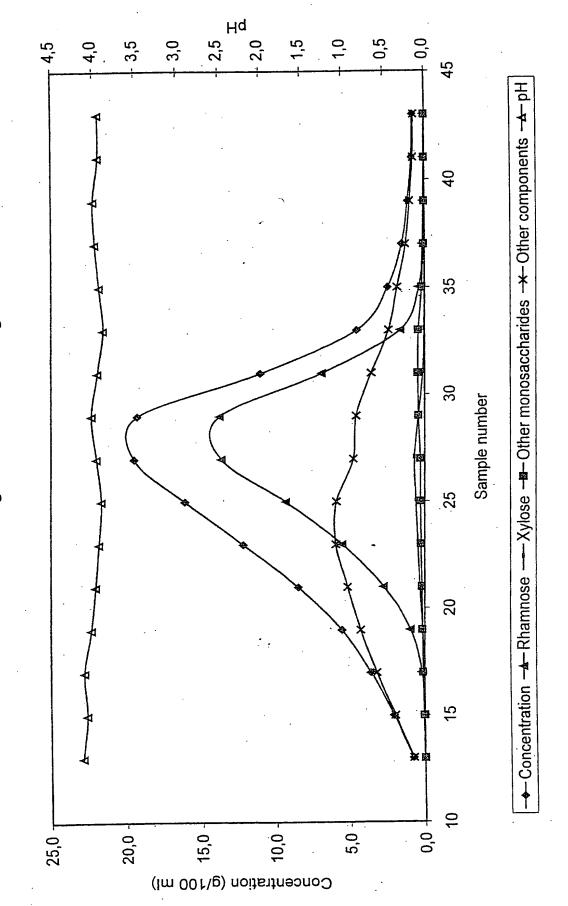


FIG 7

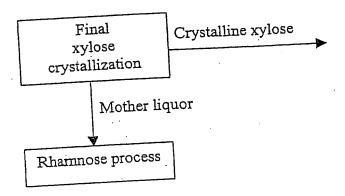


FIG. 8

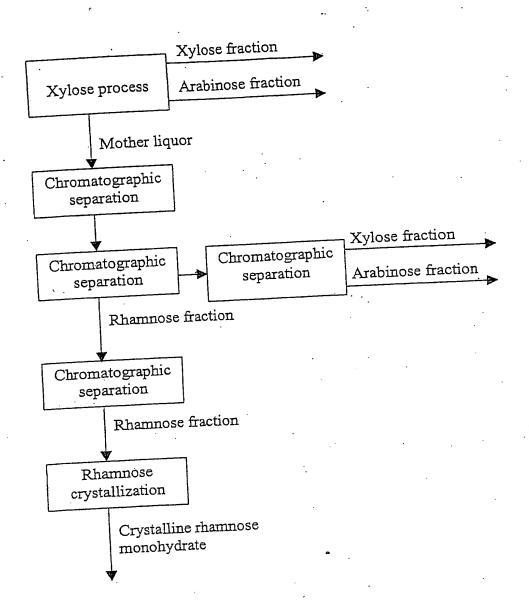


FIG. 9